

2/20

3



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,188A

DATE: 02/21/2002

TIME: 12:58:03

Input Set : A:\GENENLAW-#103809-v1-Corrected_Sequence_Listign.WPD
 Output Set: N:\CRF3\02212002\I978188A.raw

3 <110> APPLICANT: Ashkenazi, Avi
 4 Baker Kevin P.
 5 Botstein, David
 6 Desnoyers, Luc
 7 Eaton, Dan
 8 Ferrara, Napoleon
 9 Filvaroff, Ellen
 10 Fong, Sherman
 11 Gao, Wei-Qiang
 12 Gerber, Hanspeter
 13 Gerritsen, Mary E.
 14 Goddard, Audrey
 15 Godowski, Paul J.
 16 Grimaldi, J. Christopher
 17 Gurney, Austin L.
 18 Hillan, Kenneth J
 19 Kljavin, Ivar J.
 20 Kuo, Sophia S.
 21 Napier, Mary A.
 22 Pan, James;
 23 Paoni, Nicholas F.
 24 Roy, Margaret Ann
 25 Shelton, David L.
 26 Stewart, Timothy A.
 27 Tumas, Daniel
 28 Williams, P. Mickey
 29 Wood, William I.
 31 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 32 Acids Encoding the Same
 34 <130> FILE REFERENCE: P2630P1C8
 36 <140> CURRENT APPLICATION NUMBER: 09/978188A
 37 <141> CURRENT FILING DATE: 2001-10-15
 39 <150> PRIOR APPLICATION NUMBER: 09/918585
 40 <151> PRIOR FILING DATE: 2001-07-30
 42 <150> PRIOR APPLICATION NUMBER: 60/062250
 43 <151> PRIOR FILING DATE: 1997-10-17
 45 <150> PRIOR APPLICATION NUMBER: 60/064249
 46 <151> PRIOR FILING DATE: 1997-11-03
 48 <150> PRIOR APPLICATION NUMBER: 60/065311
 49 <151> PRIOR FILING DATE: 1997-11-13
 51 <150> PRIOR APPLICATION NUMBER: 60/066364
 52 <151> PRIOR FILING DATE: 1997-11-21
 54 <150> PRIOR APPLICATION NUMBER: 60/077450

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,188A

DATE: 02/21/2002

TIME: 12:58:03

Input Set : A:\GENENLAW-#103809-v1-Corrected_Sequence_Listign.WPD

Output Set: N:\CRF3\02212002\I978188A.raw

55 <151> PRIOR FILING DATE: 1998-03-10
57 <150> PRIOR APPLICATION NUMBER: 60/077632
58 <151> PRIOR FILING DATE: 1998-03-11
60 <150> PRIOR APPLICATION NUMBER: 60/077641
61 <151> PRIOR FILING DATE: 1998-03-11
63 <150> PRIOR APPLICATION NUMBER: 60/077649
64 <151> PRIOR FILING DATE: 1998-03-11
66 <150> PRIOR APPLICATION NUMBER: 60/077791
67 <151> PRIOR FILING DATE: 1998-03-12
69 <150> PRIOR APPLICATION NUMBER: 60/078004
70 <151> PRIOR FILING DATE: 1998-03-13
72 <150> PRIOR APPLICATION NUMBER: 60/078886
73 <151> PRIOR FILING DATE: 1998-03-20
75 <150> PRIOR APPLICATION NUMBER: 60/078936
76 <151> PRIOR FILING DATE: 1998-03-20
78 <150> PRIOR APPLICATION NUMBER: 60/078910
79 <151> PRIOR FILING DATE: 1998-03-20
81 <150> PRIOR APPLICATION NUMBER: 60/078939
82 <151> PRIOR FILING DATE: 1998-03-20
84 <150> PRIOR APPLICATION NUMBER: 60/079294
85 <151> PRIOR FILING DATE: 1998-03-25
87 <150> PRIOR APPLICATION NUMBER: 60/079656
88 <151> PRIOR FILING DATE: 1998-03-26
90 <150> PRIOR APPLICATION NUMBER: 60/079664
91 <151> PRIOR FILING DATE: 1998-03-27
93 <150> PRIOR APPLICATION NUMBER: 60/079689
94 <151> PRIOR FILING DATE: 1998-03-27
96 <150> PRIOR APPLICATION NUMBER: 60/079663
97 <151> PRIOR FILING DATE: 1998-03-27
99 <150> PRIOR APPLICATION NUMBER: 60/079728
100 <151> PRIOR FILING DATE: 1998-03-27
102 <150> PRIOR APPLICATION NUMBER: 60/079786
103 <151> PRIOR FILING DATE: 1998-03-27
105 <150> PRIOR APPLICATION NUMBER: 60/079920
106 <151> PRIOR FILING DATE: 1998-03-30
108 <150> PRIOR APPLICATION NUMBER: 60/079923
109 <151> PRIOR FILING DATE: 1998-03-30
111 <150> PRIOR APPLICATION NUMBER: 60/080105
112 <151> PRIOR FILING DATE: 1998-03-31
114 <150> PRIOR APPLICATION NUMBER: 60/080107
115 <151> PRIOR FILING DATE: 1998-03-31
117 <150> PRIOR APPLICATION NUMBER: 60/080165
118 <151> PRIOR FILING DATE: 1998-03-31
120 <150> PRIOR APPLICATION NUMBER: 60/080194
121 <151> PRIOR FILING DATE: 1998-03-31
123 <150> PRIOR APPLICATION NUMBER: 60/080327
124 <151> PRIOR FILING DATE: 1998-04-01
126 <150> PRIOR APPLICATION NUMBER: 60/080328
127 <151> PRIOR FILING DATE: 1998-04-01

RAW SEQUENCE LISTING

DATE: 02/21/2002

PATENT APPLICATION: US/09/978,188A

TIME: 12:58:03

Input Set : A:\GENENLAW-#103809-v1-Corrected_Sequence_Listign.WPD

Output Set: N:\CRF3\02212002\I978188A.raw

129 <150> PRIOR APPLICATION NUMBER: 60/080333
130 <151> PRIOR FILING DATE: 1998-04-01
132 <150> PRIOR APPLICATION NUMBER: 60/080334
133 <151> PRIOR FILING DATE: 1998-04-01
135 <150> PRIOR APPLICATION NUMBER: 60/081070
136 <151> PRIOR FILING DATE: 1998-04-08
138 <150> PRIOR APPLICATION NUMBER: 60/081049
139 <151> PRIOR FILING DATE: 1998-04-08
141 <150> PRIOR APPLICATION NUMBER: 60/081071
142 <151> PRIOR FILING DATE: 1998-04-08
144 <150> PRIOR APPLICATION NUMBER: 60/081195
145 <151> PRIOR FILING DATE: 1998-04-08
147 <150> PRIOR APPLICATION NUMBER: 60/081203
148 <151> PRIOR FILING DATE: 1998-04-09
150 <150> PRIOR APPLICATION NUMBER: 60/081229
151 <151> PRIOR FILING DATE: 1998-04-09
153 <150> PRIOR APPLICATION NUMBER: 60/081955
154 <151> PRIOR FILING DATE: 1998-04-15
156 <150> PRIOR APPLICATION NUMBER: 60/081817
157 <151> PRIOR FILING DATE: 1998-04-15
159 <150> PRIOR APPLICATION NUMBER: 60/081819
160 <151> PRIOR FILING DATE: 1998-04-15
162 <150> PRIOR APPLICATION NUMBER: 60/081952
163 <151> PRIOR FILING DATE: 1998-04-15
165 <150> PRIOR APPLICATION NUMBER: 60/081838
166 <151> PRIOR FILING DATE: 1998-04-15
168 <150> PRIOR APPLICATION NUMBER: 60/082568
169 <151> PRIOR FILING DATE: 1998-04-21
171 <150> PRIOR APPLICATION NUMBER: 60/082569
172 <151> PRIOR FILING DATE: 1998-04-21
174 <150> PRIOR APPLICATION NUMBER: 60/082704
175 <151> PRIOR FILING DATE: 1998-04-22
177 <150> PRIOR APPLICATION NUMBER: 60/082804
178 <151> PRIOR FILING DATE: 1998-04-22
180 <150> PRIOR APPLICATION NUMBER: 60/082700
181 <151> PRIOR FILING DATE: 1998-04-22
183 <150> PRIOR APPLICATION NUMBER: 60/082797
184 <151> PRIOR FILING DATE: 1998-04-22
186 <150> PRIOR APPLICATION NUMBER: 60/082796
187 <151> PRIOR FILING DATE: 1998-04-23
189 <150> PRIOR APPLICATION NUMBER: 60/083336
190 <151> PRIOR FILING DATE: 1998-04-27
192 <150> PRIOR APPLICATION NUMBER: 60/083322
193 <151> PRIOR FILING DATE: 1998-04-28
195 <150> PRIOR APPLICATION NUMBER: 60/083392
196 <151> PRIOR FILING DATE: 1998-04-29
198 <150> PRIOR APPLICATION NUMBER: 60/083495
199 <151> PRIOR FILING DATE: 1998-04-29
201 <150> PRIOR APPLICATION NUMBER: 60/083496

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/978,188A

DATE: 02/21/2002
TIME: 12:58:03

Input Set : A:\GENENLAW-#103809-v1-Corrected_Sequence_Listign.WPD
Output Set: N:\CRF3\02212002\I978188A.raw

202 <151> PRIOR FILING DATE: 1998-04-29
204 <150> PRIOR APPLICATION NUMBER: 60/083499
205 <151> PRIOR FILING DATE: 1998-04-29
207 <150> PRIOR APPLICATION NUMBER: 60/083545
208 <151> PRIOR FILING DATE: 1998-04-29
210 <150> PRIOR APPLICATION NUMBER: 60/083554
211 <151> PRIOR FILING DATE: 1998-04-29
213 <150> PRIOR APPLICATION NUMBER: 60/083558
214 <151> PRIOR FILING DATE: 1998-04-29
216 <150> PRIOR APPLICATION NUMBER: 60/083559
217 <151> PRIOR FILING DATE: 1998-04-29
219 <150> PRIOR APPLICATION NUMBER: 60/083500
220 <151> PRIOR FILING DATE: 1998-04-29
222 <150> PRIOR APPLICATION NUMBER: 60/083742
223 <151> PRIOR FILING DATE: 1998-04-30
225 <150> PRIOR APPLICATION NUMBER: 60/084366
226 <151> PRIOR FILING DATE: 1998-05-05
228 <150> PRIOR APPLICATION NUMBER: 60/084414
229 <151> PRIOR FILING DATE: 1998-05-06
231 <150> PRIOR APPLICATION NUMBER: 60/084441
232 <151> PRIOR FILING DATE: 1998-05-06
234 <150> PRIOR APPLICATION NUMBER: 60/084637
235 <151> PRIOR FILING DATE: 1998-05-07
237 <150> PRIOR APPLICATION NUMBER: 60/084639
238 <151> PRIOR FILING DATE: 1998-05-07
240 <150> PRIOR APPLICATION NUMBER: 60/084640
241 <151> PRIOR FILING DATE: 1998-05-07
243 <150> PRIOR APPLICATION NUMBER: 60/084598
244 <151> PRIOR FILING DATE: 1998-05-07
246 <150> PRIOR APPLICATION NUMBER: 60/084600
247 <151> PRIOR FILING DATE: 1998-05-07
249 <150> PRIOR APPLICATION NUMBER: 60/084627
250 <151> PRIOR FILING DATE: 1998-05-07
252 <150> PRIOR APPLICATION NUMBER: 60/084643
253 <151> PRIOR FILING DATE: 1998-05-07
255 <150> PRIOR APPLICATION NUMBER: 60/085339
256 <151> PRIOR FILING DATE: 1998-05-13
258 <150> PRIOR APPLICATION NUMBER: 60/085338
259 <151> PRIOR FILING DATE: 1998-05-13
261 <150> PRIOR APPLICATION NUMBER: 60/085323
262 <151> PRIOR FILING DATE: 1998-05-13
264 <150> PRIOR APPLICATION NUMBER: 60/085582
265 <151> PRIOR FILING DATE: 1998-05-15
267 <150> PRIOR APPLICATION NUMBER: 60/085700
268 <151> PRIOR FILING DATE: 1998-05-15
270 <150> PRIOR APPLICATION NUMBER: 60/085689
271 <151> PRIOR FILING DATE: 1998-05-15
273 <150> PRIOR APPLICATION NUMBER: 60/085579
274 <151> PRIOR FILING DATE: 1998-05-15

2/21/02

RAW SEQUENCE LISTING

DATE: 02/21/2002

PATENT APPLICATION: US/09/978,188A

TIME: 12:58:03

Input Set : A:\GENENLAW-#103809-v1-Corrected_Sequence_Listign.WPD

Output Set: N:\CRF3\02212002\I978188A.raw

276 <150> PRIOR APPLICATION NUMBER: 60/085580
 277 <151> PRIOR FILING DATE: 1998-05-15
 279 <150> PRIOR APPLICATION NUMBER: 60/085573
 280 <151> PRIOR FILING DATE: 1998-05-15
 282 <150> PRIOR APPLICATION NUMBER: 60/085704
 283 <151> PRIOR FILING DATE: 1998-05-15
 285 <150> PRIOR APPLICATION NUMBER: 60/085697
 286 <151> PRIOR FILING DATE: 1998-05-15
 288 <150> PRIOR APPLICATION NUMBER: 60/086023
 289 <151> PRIOR FILING DATE: 1998-05-18
 291 <150> PRIOR APPLICATION NUMBER: 60/086430
 292 <151> PRIOR FILING DATE: 1998-05-22
 294 <150> PRIOR APPLICATION NUMBER: 60/086392
 295 <151> PRIOR FILING DATE: 1998-05-22
 297 <150> PRIOR APPLICATION NUMBER: 60/086486
 298 <151> PRIOR FILING DATE: 1998-05-22
 300 <150> PRIOR APPLICATION NUMBER: 60/086414
 301 <151> PRIOR FILING DATE: 1998-05-22
 303 <150> PRIOR APPLICATION NUMBER: 60/087208
 304 <151> PRIOR FILING DATE: 1998-05-28
 306 <150> PRIOR APPLICATION NUMBER: 60/087106
 307 <151> PRIOR FILING DATE: 1998-05-28
 309 <150> PRIOR APPLICATION NUMBER: 60/087098
 310 <151> PRIOR FILING DATE: 1998-05-28
 312 <150> PRIOR APPLICATION NUMBER: 60/091010
 313 <151> PRIOR FILING DATE: 1998-06-26
 315 <150> PRIOR APPLICATION NUMBER: 60/090863
 316 <151> PRIOR FILING DATE: 1998-06-26
 318 <150> PRIOR APPLICATION NUMBER: 60/091359
 319 <151> PRIOR FILING DATE: 1998-07-01
 321 <150> PRIOR APPLICATION NUMBER: 60/094651
 322 <151> PRIOR FILING DATE: 1998-07-30
 324 <150> PRIOR APPLICATION NUMBER: 60/100038
 325 <151> PRIOR FILING DATE: 1998-09-11
 327 <150> PRIOR APPLICATION NUMBER: 60/109304
 328 <151> PRIOR FILING DATE: 1998-11-20
 330 <150> PRIOR APPLICATION NUMBER: 60/113296
 331 <151> PRIOR FILING DATE: 1998-12-22
 333 <150> PRIOR APPLICATION NUMBER: 60/113621
 334 <151> PRIOR FILING DATE: 1998-12-23
 336 <150> PRIOR APPLICATION NUMBER: 60/123957
 337 <151> PRIOR FILING DATE: 1999-03-12
 339 <150> PRIOR APPLICATION NUMBER: 60/126773
 340 <151> PRIOR FILING DATE: 1999-03-29
 342 <150> PRIOR APPLICATION NUMBER: 60/130232
 343 <151> PRIOR FILING DATE: 1999-04-21
 345 <150> PRIOR APPLICATION NUMBER: 60/131022
 346 <151> PRIOR FILING DATE: 1999-04-26
 348 <150> PRIOR APPLICATION NUMBER: 60/131445

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 02/21/2002

PATENT APPLICATION: US/09/978,188A

TIME: 12:58:04

Input Set : A:\GENENLAW-#103809-v1-Corrected_Sequence_Listign.WPD

Output Set: N:\CRF3\02212002\I978188A.raw

L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:3385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:5053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:5055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:5759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137
L:5921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:5923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:6195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
L:6228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
L:7716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:7722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:7732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:8727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215
L:10656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,188A

DATE: 02/21/2002
TIME: 12:58:04

Input Set : A:\GENENLAW-#103809-v1-Corrected_Sequence_Listign.WPD
Output Set: N:\CRF3\02212002\I978188A.raw

L 10658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265
L.10660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265

2/21/02